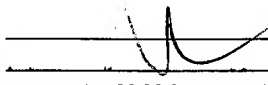
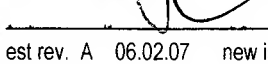


Date: Monday, 10/09/2007 7:02:52 AM  
User: Linda Lacelle

# Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: EYEBALL ADAPTER
Job Number	: 34469		
Estimate Number	: 12246		
P.O. Number	: N/A	Part Number	: D3480041
This Issue	: 10/09/2007 S.O. No. : N/A	Drawing Number	: D3480 REV.B
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: N/A Type : SMALL /MED FAB	Drawing Revision	: B
Previous Run	: 32036	Material	: N/A
Written By	: 	Due Date	: 17/09/2007
Checked & Approved By	: 	Qty:	6 Um: Each
Comment	: est rev. A 06.02.07 new issue EC		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
1.0	D34805	EYEBALL ADAPTER FLANGE



Comment: Qty.: 1.0000 Each(s)/Unit Total: 6.0000 Each(s)

Pick:

Qty	Part number	Description	Batch
1	D3480-5	Flange	B34405

*ml x 6*

2.0	D34803	tube
-----	--------	------



Comment: Qty.: 1.0000 Each(s)/Unit Total: 6.0000 Each(s)

Pick:

Qty	Part number	Description	Batch
1	D3480-3	Tube	B34404

*ml x 6*

3.0	SMALL FAB 1	SMALL & MEDIUM FAB RESOURCE 1
-----	-------------	-------------------------------



Comment: SMALL & MEDIUM FAB RESOURCE 1

1-Spot weld as per dwg D3480

2-Cut tube flush as per dwg D3480

3-Deburr

*ml 07/09/10 x5*

*PTO*

4.0	QC11	VISUAL INSPECTION OF SPOT WELDING
-----	------	-----------------------------------

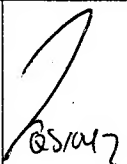
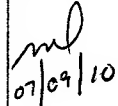

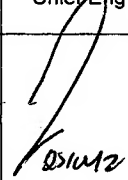
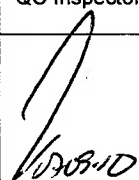


Comment: VISUAL INSPECTION OF SPOT WELDING

*SD 07/09/11 (5)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA: D Date: 8/09/11  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
07/09/10	3	one D3480-3 moved when I weld. So the D3480-041 is No good.		destroy it and No replace	 07/09/10	 07/09/10		
		2c Part moved during spot welding						

NOTE: Date & initial all entries

Date: Monday, 10/09/2007 7:02:53 AM  
User: Linda Lacelle

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: EYEBALL ADAPTER

Job Number: 34469

Part Number: D3480041

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

SB 07/09/11 (5)

6.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify with a permanent fine point marker and Stock

Location: ST 103

SB 07/09/11 (5)

7.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

SB 07/09/11 (5)

Job Completion



LU 07/09/11

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

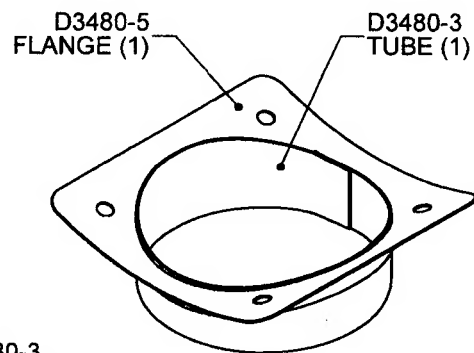
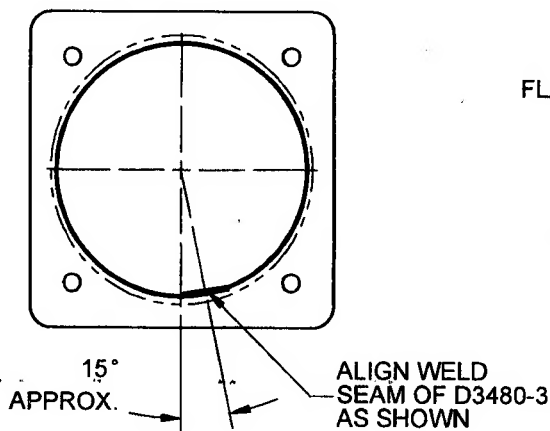
QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

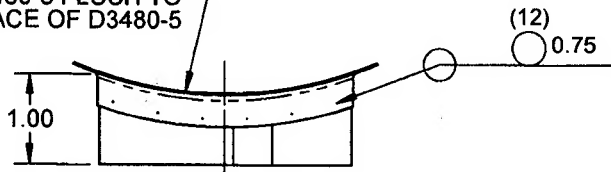
NOTE: Date & initial all entries



DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3480	REV. B SHEET 1 OF 6
DATE 06.08.29		TITLE EYEBALL ADAPTER	SCALE 1:2
A	06.02.06	NEW ISSUE	
B	06.08.29	D3480-3 0.50 was 0.40/D3480-3F 8.930 was 9.330	



SPOT WELD PARTS, THEN  
CUT D3480-3 FLUSH TO  
SURFACE OF D3480-5



*w/o 34469*

RELEASED

*06.09.19*

### D3480-041 EYEBALL INLET ADAPTER

#### NOTES:

- 1) SPOT WELD PER DART QSI 004
- 2) FINISH: NONE
- 3) IDENTIFY WITH DART P/N D3480-041\* USING FINE POINT PERMANENT INK MARKER
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

QTY -041	P/N	DESCRIPTION
X	D3480-041	EYEBALL INLET ADAPTER
1	D3480-3	TUBE
1	D3480-5	FLANGE

COPYRIGHT © 2006 BY DART AEROSPACE LTD.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

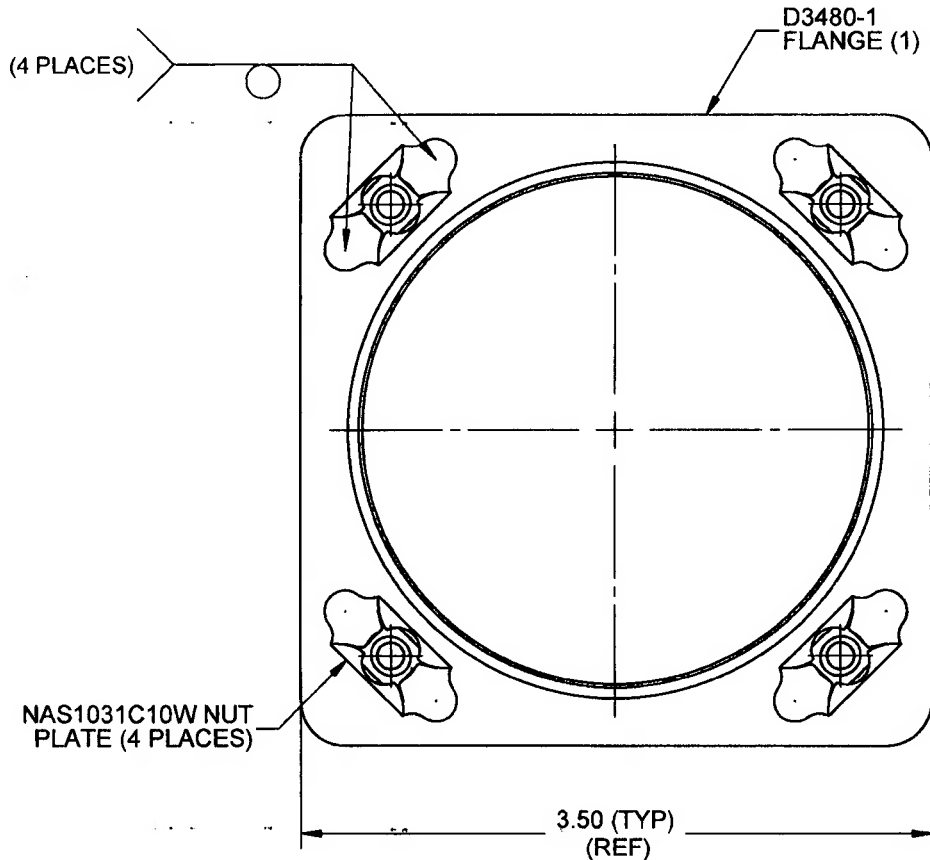
**NOTE:** Date & initial all entries



DESIGN <i>B</i>	DRAWN BY <i>B</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. <b>D3480</b>	REV. B SHEET 2 OF 6
DATE <b>06.08.29</b>		TITLE <b>EYEBALL ADAPTER</b>	SCALE 1:1

RELEASED

06.09.19 *[Signature]*



### D3480-043 EYEBALL ADAPTER

#### NOTES:

- 1) SPOT WELD PER DART QSI 004
- 2) FINISH: NONE
- 3) IDENTIFY WITH DART P/N D3480-043 USING FINE POINT PERMANENT INK MARKER
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

QTY -043	P/N	DESCRIPTION
X	D3480-043	EYEBALL ADAPTER
1	D3480-1	FLANGE
4	NAS1031C3W	NUTPLATE

COPYRIGHT © 2006 BY DART AEROSPACE LTD.

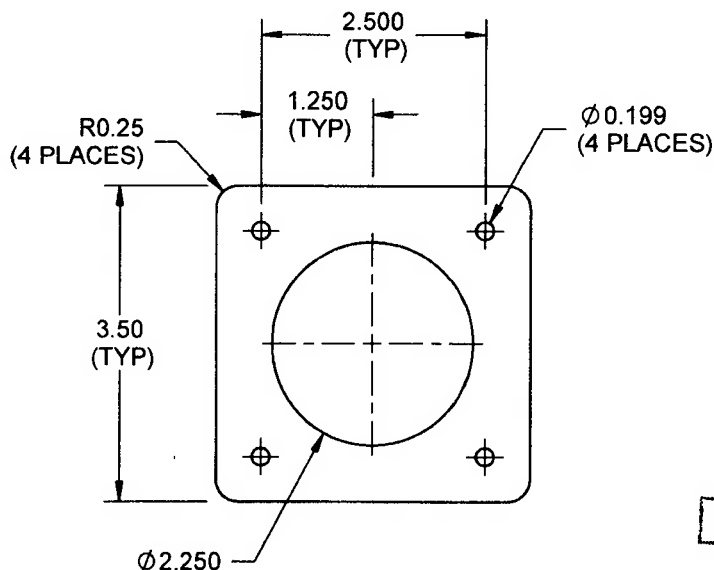
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.





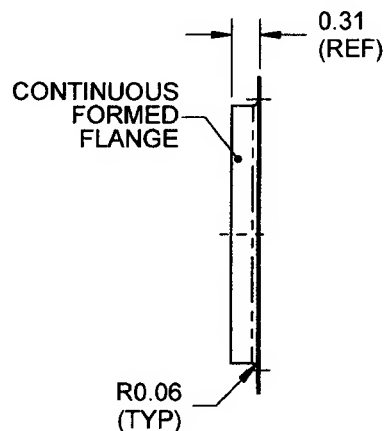
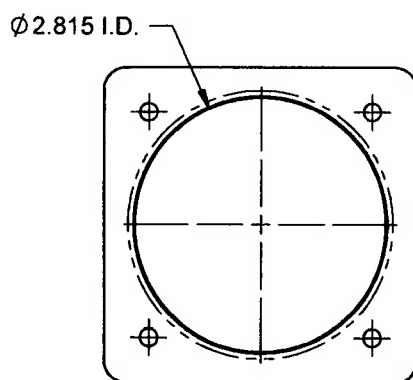


DESIGN <i>B</i>	DRAWN BY <i>B</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3480	REV. B SHEET 3 OF 6
DATE 06.08.29		TITLE EYEBALL ADAPTER	SCALE 1:2



RELEASED  
06.09.19 *[Signature]*

#### D3480-1F FLAT PATTERN



#### D3480-1 FLANGE (MAKE FROM D3480-1F)

##### NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET PER MIL-S-5019 (ANNEALED) 2B FINISH  
26 GAUGE SS (0.018 THICK)  
(REF. DART SPEC. M304S26GA)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

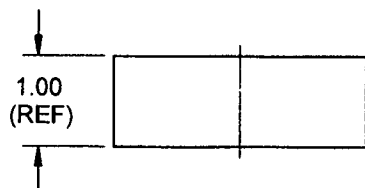
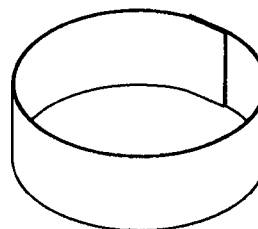
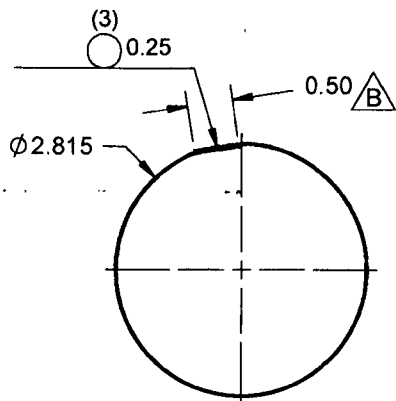
COPYRIGHT © 2006 BY DART AEROSPACE LTD.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



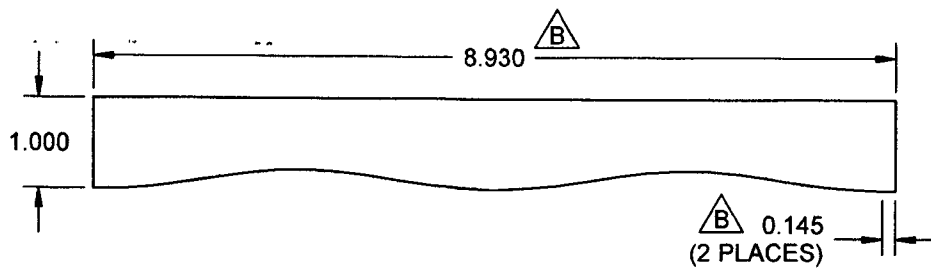


DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3480	REV. B SHEET 4 OF 6
DATE 06.08.29		TITLE EYEBALL ADAPTER	SCALE 1:2



**D3480-3 TUBE**

RELEASED  
06.09.19 *[Signature]*



**D3480-3F TUBE FLAT PATTERN**

**NOTES:**

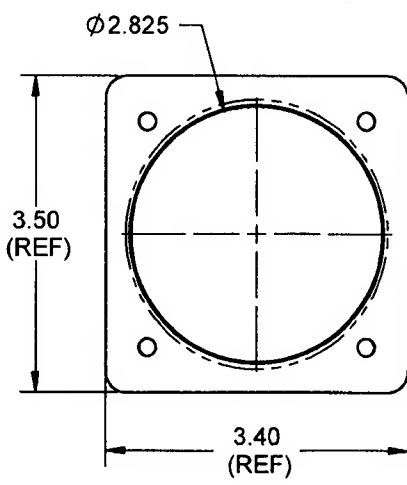
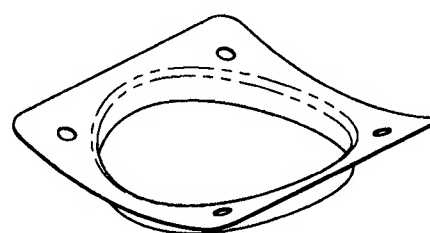
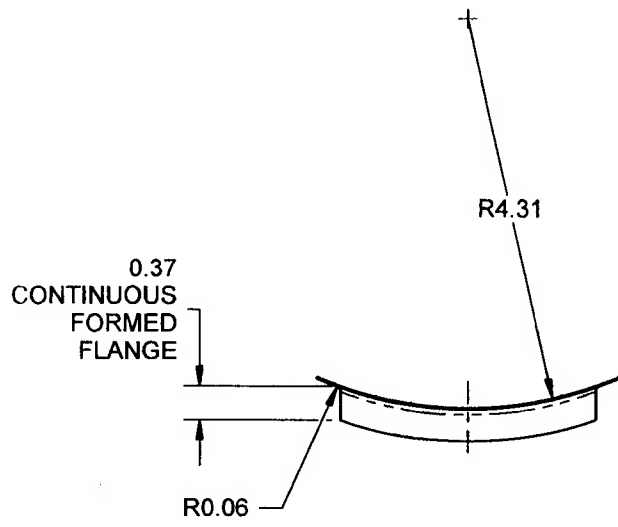
- 1) MATERIAL: AISI 304/316 SS SHEET PER MIL-S-5019 (ANNEALED) 2B FINISH  
26 GAUGE SS (0.018 THICK)  
(REF. DART SPEC. M304S26GA)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

**COPYRIGHT © 2006 BY DART AEROSPACE LTD.**

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3480	REV. B SHEET 5 OF 6
DATE 06.08.29		TITLE EYEBALL ADAPTER	SCALE 1:2



RELEASED  
06.09.19 *[Signature]*

### D3480-5 EYEBALL ADAPTER FLANGE

#### NOTES:

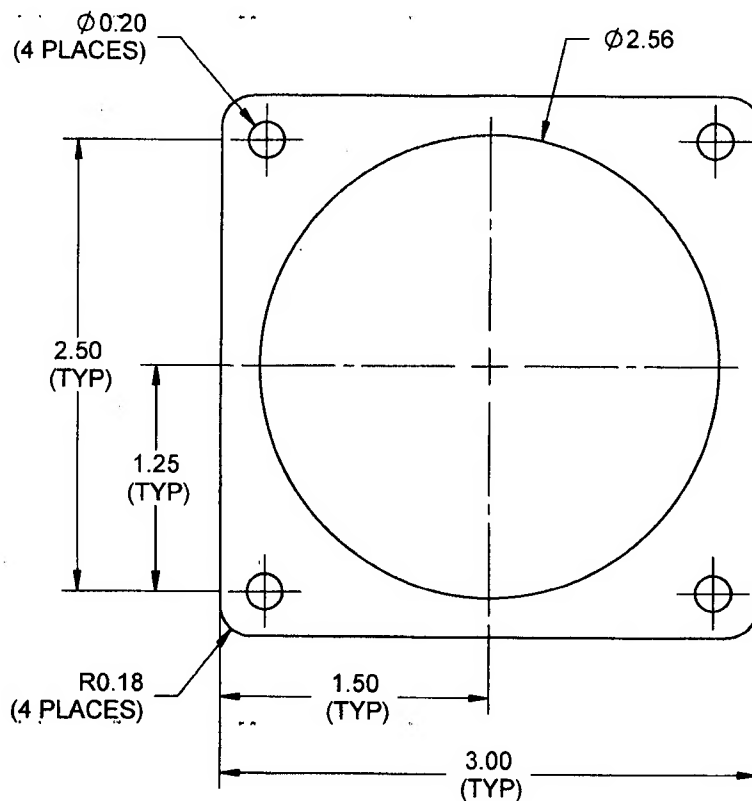
- 1) MATERIAL: MAKE FROM D3480-1F
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

COPYRIGHT © 2006 BY DART AEROSPACE LTD.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



DESIGN <i>B</i>	DRAWN BY <i>B</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3480	REV. B SHEET 6 OF 6
DATE 06.08.29		TITLE EYEBALL ADAPTER	SCALE 1:1



RELEASED  
06.09.19 *[Signature]*

### D3480-7 GASKET

#### NOTES:

- 1) MATERIAL: RED (OR GRAY) 60 DUROMETER HI-TEMPERATURE SILICONE SHEET, 0.125" THICK (REF. DART SPEC. M-SIL60-.125)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

COPYRIGHT © 2006 BY DART AEROSPACE LTD.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



# SPOT WELD TEST RECORD

AMS-W-6858A

CLASS 'C'

TEST NO#: 10

EMPLOYEE: Morgan LePage

PART NUMBER: D3400-011

JOB NUMBER: B 34469

MATERIAL TYPE: 304L

MATERIAL THICKNESS: .078

GROUP SPECIFICATION



Group 1: Aluminum & magnesium



Group 2: Iron; nickel; cobalt



Group 3: Titanium

## TEST RESULTS

	PASS	FAIL	
VISUAL:	/		
PENETRATION:	<		
PULL STRENGTH:	/		PSI Reading: _____

Qualified in accordance with standard AMS-W-6858A and QSI 004 (ref: 4.3)

DATE OF TEST COUPON: 07/02/10

QUALIFIER: SB